

ONKYO
IMAGINATIVE SIGHT & SOUND



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Now Every Night Can Be Premiere Night

Audio/Video Products 2002-2003



Our Premium Digital Philosophy

If you're going after a superior home theater experience, Onkyo can help you get there in a hurry.

Ever since Onkyo began producing precision audio parts over a half-century ago, the Onkyo team—product planners, designers, engineers, assemblers—have had one goal: to bring you components that are superbly designed and built to a consistently higher standard of excellence.

This tradition of quality uniquely positions Onkyo to meet the demanding requirements of today's digital revolution. While other manufacturers race to build components designed to meet ever cheaper prices, we follow a different approach; get the basics right, leave off the frills, pay attention to details, and use only the best parts. Even before hearing our components you can see that they're built better.

We're working to set a *de facto* standard for quality in the A/V industry. That's why all of our production facilities are ISO 9001 certified—to meet or exceed the highest international manufacturing standards—to give you that unmistakable Onkyo quality. It's all part of our *Premium Digital* approach.

For a taste of this *Premium Digital* philosophy, read on. For the real thing, go to your Onkyo dealer and listen. You'll hear precisely how far the others have to go.

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Premium Digital
Onkyo Home Theater

TX-DS989 **Integra**

THX® Ultra 7.1-Channel Digital Surround Receiver with THX® Surround EX™



When you imagine your ultimate home theater, what do you see? A digital receiver at the center that has the latest features? No more worries about it becoming obsolete? Well, stop imagining and take a look at the TX-DS989. How did we do it? When we designed this receiver, we paid attention to what you wanted and delivered on our promise of a future proof digital receiver. With the optional UPG-2 package, you get the latest formats for home theater—THX® Ultra2, DTS® 96/24, and Dolby® Digital EX™—for even more realistically enveloping sound delivered by the highest quality parts available. A lot of hard work goes into making movies and music. This is how you can show your appreciation. The TX-DS989—designed to meet your needs and specifications.

- 7 x 200 W/Ch, Continuous 6 Ω, 1 kHz, JEITA
- THX® Ultra Certified
- 7.1-Channel Amplifier
- THX® Surround EX™, DTS®-ES™ Discrete/Matrix 6.1, DTS® Neo:6, Dolby® Pro Logic™ II, MPEG Multichannel
- 192 kHz/24-Bit AKM DACs for All Channels
- Ready for HDTV, Progressive-Scan DVD, DVD-Audio and SACD
- 3 Wideband Component-Video Inputs and 1 Output
- 9 Digital Inputs (3 Optical/5 Coaxial/1 AC-3RF) and 2 Outputs
- Zone 2 Multiroom/Multisource Capability
- RS-232 Terminal & Upgradable Flash Memory
- Expansion Slot for Future Upgrades
- Motorized Control Door



Onkyo's commitment to providing you with the latest and greatest in home theater continues with UPG-2. This upgrade package consists of a "Who's Who" in home theater decoding. THX® Ultra2 certification guarantees the best in sound and build quality. Dolby® Digital EX™ gives you the added realism of 6.1 channel sound from 5.1 channel sources. Not to be left out, DTS® 96/24 provides you with 96 kHz/24-bit processing to give you the depth and feel of DVD-Audio without needing a special player. UPG-2—take your movies and music to unmatched levels of visual and sonic enjoyment.



The lesser-used controls are neatly tucked away behind the drop-down panel



Premium Digital Surround Receivers— The Right Start for Your Home Theater

If You Don't Have a Good Receiver, You Don't Have Good Sound

Everything is connected to it. Every signal source is routed through it. Its sound quality is an integral part of everything you play through it. Bottom line: if you compromise on your receiver, you've compromised on your whole system—because your speakers will only sound as good as the signal supplied to them.

Whether you're watching a major Hollywood production, listening to the latest DVD-Audio disc, or playing one of your favorite CDs, your entertainment system deserves the finest receiver you can afford. And nothing brings home the magic of movies and music like Onkyo receivers.

Sure, their look, feel and solid construction are impressive. But their best attribute is their sonic performance. With prodigious amounts of sheer, clean, high-current power, backed by over 50 years of audio-engineering excellence, Onkyo receivers have what it takes to do justice to the tremendous dynamics of today's movie soundtracks and high-resolution digital music sources.

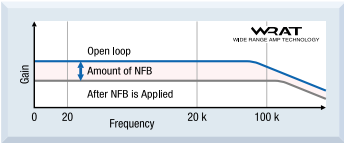
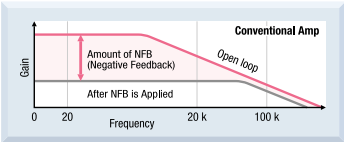
The Technology that Sets Us Apart from Others

Imagine turning up the volume and filling your entertainment room with noise-free, distortion-free, impressively powerful, true-to-life sound. That's the benefit you get with Onkyo's Wide Range Amplifier Technology (WRAT). Originally developed for our most expensive high-end amplifiers to handle the sonic demands of today's digital age, you'll now find WRAT even in our lowest-priced AV receivers.



3 Significant Benefits You Get from WRAT

Uncommonly Low Negative-Feedback Design—so you'll enjoy cleaner sound on program peaks



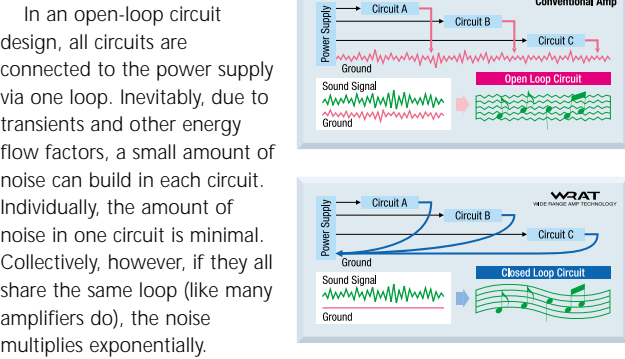
amplifier's transient response—the ability to respond to large signal gains (explosions and musical finales)—and actually distort sound at high frequencies.

That's why our engineers use one of the most advanced topologies found in high-end amplifiers—a low negative-feedback design, with audiophile-grade, close-tolerance components at critical points in the signal path to achieve a frequency response out to 100 kHz.

This design is more expensive, but it means you'll enjoy the full sonic benefits from such high-resolution formats as DVD-Audio and Super-Audio CD, and get better delivery of momentary power peaks from all software, including your regular CDs and DVDs.

Closed Ground-Loop Circuits—so you'll enjoy greater maximum volume without distortion

If an amplifier's ground potential (voltage) fluctuates during playback of movie soundtracks or musical performances, you wind up with unpleasant noise. While most amplifiers make great efforts to protect the ground potential from external factors, many fail to look internally for one of the largest causes of noise in the ground potential—the open-loop circuit.

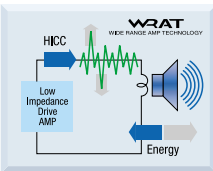
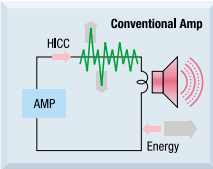


Onkyo's sophisticated closed-circuit design allows each circuit to go and return directly to the power supply. This cancels any individual circuit noise, and keeps the ground potential free of distortion—so you'll hear a new subtlety in low-level passages, and enjoy a new clarity in dialogue even during scenes with lots of special effects.

High Instantaneous-Current Capability—so you'll enjoy film soundtracks with greater impact

Audio signals are extremely complex, and consist of a wide range of frequencies and amplitude levels. After the amplifier outputs such a signal to a speaker, the speaker itself accumulates energy. When the speaker reflexes, it sends energy back to the amplifier. The amplifier must immediately be able to supply a large amount of high current to cancel the speaker's reflex energy, and instantaneously send out the next signal. The same high current is also necessary to handle speaker-impedance fluctuations, which can on occasion force an amplifier to provide four to six times its usual current load.

As you might expect from a company that has earned its position as one of the most respected names in the audio industry by building the world's finest amplifiers, the instantaneous current capability of even Onkyo's least expensive WRAT receivers is far better than that of conventional units with two to three times the listed power rating. This is because the competing designs commonly have less than half the current capability. The result? The high-current capability incorporated into all Onkyo receivers means your receiver can handle difficult speaker loads, and deliver movie soundtracks with theater-like dynamics and clarity—so you'll get the same exciting sonic *slam* that you experienced in the theater.



HDTV Ready

Even if you're not yet ready to invest in HDTV (High Definition Television), you want the best picture possible. That's why our top five receivers offer professional-quality 50 MHz bandwidth component-video switching—rare for home theater components. It delivers the highest quality, unaltered, wide-bandwidth video-signal transfer you can get from TVs, HDTV & HDTV set-top boxes, Progressive-Scan DVD players, DTV decoders, DSSs, or Digital VCRs.

Ease of Use

In spite of their sophistication and versatility, Onkyo receivers are surprisingly easy to operate. Setup is swift, straightforward and simple. Each receiver has automatic digital/analog signal detection and switching to take the guesswork out of what format to choose or which input to use. And with the exception of the TX-SR500, all incorporate A-Form (Auto-FORMat), an Onkyo-exclusive advanced memory system that not only senses the signal format—DTS®, Dolby® Digital, or stereo, for example—but also, unlike any other receiver, switches to the listening modes you pre-assigned for that source. You can just hit a button, sit back and enjoy your movies and music.

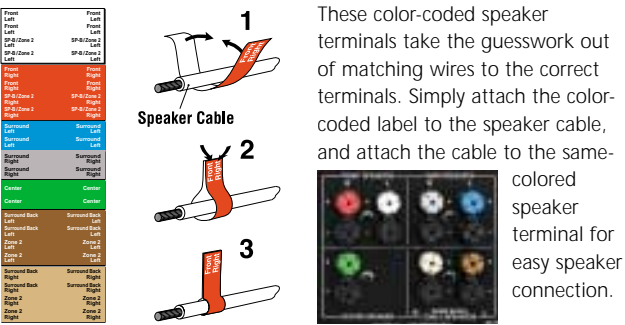
Remote Interactive (RI)

This rear-panel jack lets you use your receiver's remote to operate the major functions of other RI-compatible Onkyo components—so, for instance, you can start the show with just one touch of the DVD and play buttons on your receiver's remote.

Multiroom/Multisource Capabilities

Depending on which receiver you choose, you can enjoy surround-sound movie in one room, while someone else listens to stereo music in another room. Our top four receivers go a step further by providing a full set of line outs for composite video and S-video—so you can set up an additional system in another room. Models with IR (Infrared) input ports can accommodate external IR translators, repeaters, extenders, and other IR control components, for easy and versatile second-zone control. Or you can go all out and use the RS-232 port on the back in conjunction with a more elaborate home-automation controller from Crestron®, Amx® (Panja) or other manufacturers.

Color-Coded Speaker Terminals

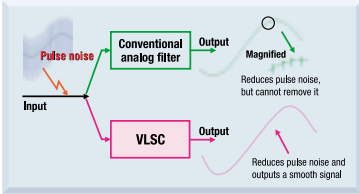


Crossover Adjustment

Previously, crossover frequency was fixed at 80 Hz. With Crossover Adjustment, you can set the frequency at 80/100/120 Hz, depending on your speakers' bass playback ability. This lets you more accurately match the performance characteristics of the subwoofer to your front speakers.

Vector Linear Shaping Circuitry (VLSC)

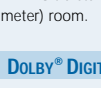
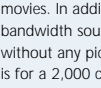
Conventional D/A conversion methods reduce digital pulse noise at the conversion stage but can't remove it completely. Previously only found on Onkyo's high-end components, VLSC (Vector Linear Shaping Circuitry) employs a unique D/A conversion circuit to overcome this problem. Data is converted between sampling points and these points are joined with analog vectors in real-time to produce a smooth output wave form. The



result—a virtually noiseless, smooth analog signal based on the digital source to bring out even the most subtle of nuances in your music, movie soundtracks and even MP3s!

THX®

THX SURROUND EX™



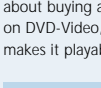
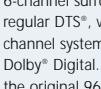
THX®, the inspiration of George Lucas, was originally created as a studio-reference monitoring tool. It guarantees you superior performance and ensures accurate reproduction of the movie-theater experience in the home. THX® Surround EX™ extends the 5.1-channel format by adding another channel of information between the left and right surround channels. This lets movie sound mixers place sounds behind you, not just to the sides as in a standard cinema. THX® Ultra2 provides you with ultimate eight-channel (7.1) playback of any 5.1 multi-channel program—enjoy reference-standard playback of music as well as movies. In addition, the video switching handles all wide-bandwidth sources, such as HDTV and Progressive Scan, without any picture degradation. The THX® Select standard is for a 2,000 cubic foot (57 cubic meter) room, while the THX® Ultra standard is for a 3,000+ cubic foot (85+ cubic meter) room.

DOLBY® DIGITAL EX™ AND DOLBY® PRO LOGIC™ II

Dolby® Digital EX™ creates six full-bandwidth output channels from 5.1-channel sources. This is done using a matrix decoder that derives three surround channels from the two in the original

recording. Dolby® Digital, with 5.1 (6) discrete channels, is the designated multichannel format for DVD-Video and HDTV. And Dolby® Pro Logic™ II creates a quasi-5.1-channel experience, with stereo, full-bandwidth surround channels from Dolby® Surround film soundtracks and stereo music sources.

DTS® (DIGITAL THEATER SYSTEMS)



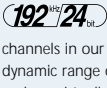
There are two DTS®-ES™ (Extended Surround) formats: DTS®-ES™ Discrete 6.1 and DTS®-ES™ Matrix 6.1. The DTS®-ES™ Discrete 6.1 format is, as the name implies, a 6.1-channel system with a discrete back surround channel, while DTS®-ES™ Matrix 6.1, like Dolby® Digital Surround EX™, provides a matrix-encoded back surround channel. There's also DTS® Neo:6, which derives a 6-channel surround output from a stereo soundtrack, and regular DTS®, which, like Dolby® Digital, is a discrete 5.1-channel system, but which uses less compression than Dolby® Digital. DTS® 96/24 offers you the sound quality of the original 96/24 master. Also, you won't have to worry about buying a new DVD player. DTS® 96/24 can be carried on DVD-Video, or in the video zone of DVD-Audio, which makes it playable on all DVD players.

CINEMA FILTER™

The tonal balance of a film soundtrack will be edgy and bright when played back over audio equipment in your home.

Onkyo has developed its own solution that restores the correct tonal balance of a movie soundtrack in the smaller environs of your home theater.

192 kHz/24-Bit DACs



Costly, extremely powerful digital-to-analog converters for all six main channels in our top three receivers. They not only boast a dynamic range of 120 dB, they process information faster and are virtually resistant to clock jitter, to ensure the best possible performance from DVD-Audio, DVD-Video and audio CD.

POWERED ZONE 2



You don't need an external amplifier to enjoy a stereo audio source (radio, CD, MD, LP or cassette) in the main room, while at the same time someone else listens to a different stereo source in another room.

MULTIROOM OPERATION



Enables your receiver to send audio—and, in some cases, video—to a second room independently of whatever is playing in your main entertainment room. It's like getting two A/V receivers in one!



- 7 x 180 W/Ch, Continuous 6 Ω , 1 kHz, JEITA
- THX® Select Certified
- THX® Surround EX™, DTS®-ES™ Discrete/Matrix 6.1, DTS® Neo:6, DTS® 96/24, Dolby® Digital EX™, Dolby® Pro Logic™ II
- VLSC (Vector Linear Shaping Circuitry)
- Net-Tune™ Function with MP3/WAV/WMA Decoding
- Ethernet Cable Plug-In Capability
- High-Precision 32-Bit Dual DSP Chips
- 192 kHz/24-Bit DAC x 6
- Powered Zone 2 and 12 V Trigger
- Color-Coded Dual Banana Plug Compatible Speaker Posts
- Crossover Adjustment (40/60/80/100/120 Hz)
- Backlit/Preprogrammed & Learning Remote with Mode-key LEDs

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TX-SR800

THX® Select 7.1-Channel Digital Surround Receiver with THX® Surround EX™



Whether you're a newcomer to home theater or serious about your A/V experience, prepare to be impressed by the Onkyo TX-SR800. The latest formats, Dolby® Digital EX™, DTS®-ES™, DTS® 96/24 and THX® Surround EX™, are brought to you from 7.1-channels to give you the full 360° cinema experience. Power and build—some may say Onkyo has a fanatical devotion to bringing you the best-built receivers on the market, and we prove it with high quality, audiophile-grade parts and a rugged chassis to hold vibration down to an absolute minimum. And of course there's sound. You get Onkyo's exclusive WRAT (Wide Range Amplifier Technology), which provides the smoothest sound signal possible. Also, 192 kHz/24-bit D/A converters along with pure audio mode let you enjoy every sound on DVD-Audio, SACD, music CD or a movie soundtrack. This receiver further becomes the envy of competitively priced products by offering you one of the highest guarantees of home theater quality: THX® Select certification. Now how's that for impressive?

- 7 x 160 W/Ch, Continuous 6 Ω, 1 kHz, JEITA
- THX® Select Certified
- THX® Surround EX™, DTS®-ES™ Discrete/Matrix 6.1, DTS® Neo:6, DTS® 96/24, Dolby® Digital EX™, Dolby® Pro Logic™ II
- VLSC (Vector Linear Shaping Circuitry)
- 192 kHz/24-Bit DAC x 6
- Ready for HDTV, Progressive Scan DVD, DVD-Audio and SACD
- 2 Wideband Component-Video Inputs and 1 Output
- 7 Digital Inputs (4 Optical/3 Coaxial; 6 Assignable) and 1 Optical Output
- Powered Zone 2
- A-Form Listening Mode Memory
- On-Screen Display
- Color-Coded Dual Banana Plug-Compatible Speaker Posts
- Crossover Adjustment (40/60/80/100/120 Hz)
- Backlit/Preprogrammed & Learning Remote with Macros and Mode-Key LEDs

TX-SR700

6.1-Channel Digital Surround Receiver



Meet Onkyo's TX-SR700, a versatile 6.1-channel home theater receiver that pulls out all the stops to deliver stunning new levels of soundtrack realism. What's the secret? Well, for a start, it's compatible not only with DTS®-ES™, but also with Dolby® Digital EX™, the latest digital surround sound format from Dolby Laboratories. Simply hook up a rear speaker and immerse yourself in dynamic, 360-degree surround sound. Those swooping helicopter fly-overs have never sounded more floor-quakingly realistic. But it's not just your DVDs that sound better with the TX-SR700: Dolby® Pro Logic™ II puts a fresh spin on your old CDs, too, conjuring spacious, quasi-5.1ch sound. And when we said "versatile", we meant it. The TX-SR700 is simply brimming with practical and easy-to-use functions. You want different A/V outputs in two rooms at the same time? That's what the Powered Zone 2 is for. How about the ability to record music onto MD while you're watching a DVD? With the recording selector, that's just one of many possibilities. So, if you think you're ready to explore the boundless possibilities of home theater, let the TX-SR700 be your guide.

- 6 x 160 W/Ch, Continuous 6 Ω, 1 kHz, JEITA
- DTS®-ES™ Discrete/Matrix 6.1, DTS® Neo:6, Dolby® Digital EX™, Dolby® Pro Logic™ II
- 192 kHz/24-Bit DACs (for L/R channels) and 96 kHz/24-Bit DACs (for other channels)
- Ready for HDTV, Progressive Scan DVD, DVD-Audio and SACD
- 2 Wideband Component-Video Inputs and 1 Output
- 4 Digital Inputs (3 Optical/1 Coaxial; 3 Assignable)
- 2 Digital Outputs (1 Optical/1 Coaxial)
- CinemaFILTER™
- Powered Zone 2 and 12 V Trigger
- A-Form Listening Mode Memory
- On-Screen Display
- Color-Coded Dual Banana Plug-Compatible Speaker Posts
- Crossover Adjustment (80 Hz, 100 Hz, 120 Hz)
- Backlit/Preprogrammed & Learning Remote with Macros and Mode-Key LEDs

TX-SR600

6.1-Channel Digital Surround Receiver



The first thing you'll do when you get the TX-SR600 out of its box is breathe a deep sigh of contentment. Yes, it boasts the reassuringly solid workmanship you expect of Onkyo. And yes, it's just as stylish as it was when you first laid eyes upon it. But there's a lot more to the TX-SR600 than just superb build quality and high-class looks: it's what's inside the TX-SR600 that really marks it out as a receiver of distinction. Start with the added sonic realism provided by the 6.1-channel surround sound formats, Dolby® Digital EX™ and DTS®-ES™. The extra sixth channel powers a back speaker and ensures all-enveloping sound—you can surf your sofa right into the eye of the tornado. Consider, too, the comprehensive list of features: an on-screen display for quick and easy set-up, front-panel terminals to plug-and-play your VCR, color-coded terminals for effortless speaker hook-up, and Crossover Adjustment to guarantee well-balanced sound at any volume. Every detail has been seen to, every effort made, to provide you with an even more complete home theater experience. So now there's a new benchmark in the world of home theater; it goes by the name of the Onkyo TX-SR600.

- 6 x 145 W/Ch, Continuous 6 Ω, 1 kHz, JEITA
- DTS®-ES™ Discrete/Matrix 6.1, DTS® Neo:6, Dolby® Digital EX™, Dolby® Pro Logic™ II
- 192 kHz/24-Bit DACs (for L/R channels) and 96 kHz/24-Bit DACs (for other channels)
- 10 Hz-100 kHz Extended Frequency Response
- 4 Digital Inputs (3 Optical/1 Coaxial; 3 Assignable)
- CinemaFILTER™
- A-Form Listening Mode Memory
- On-Screen Display
- Dot Matrix FL Display
- Color-Coded Dual Banana Plug-Compatible Speaker Posts
- Crossover Adjustment (80 Hz, 100 Hz, 120 Hz)
- Preprogrammed & Learning Remote with Macros and Mode-Key LEDs

TX-SR500

5.1-Channel Digital Surround Receiver



Looking to invest in your first home theater receiver? Might as well get it right. The easy-as-a-dream TX-SR500 is the 5.1-channel digital surround receiver that gives you the best of both worlds: audiophile performance at a surprisingly affordable price. So what makes the TX-SR500 the perfect first home theater receiver? Simple. For one thing, you can get started right away, with whatever speaker set-up you have now. Non-Scaling Configuration and Crossover Adjustment ensure breathtaking bass performance, regardless of the size of your speakers and regardless of whether or not you're using a subwoofer. And another thing: the TX-SR500 is impressively adaptable—you won't have to look for a new receiver if you want to upgrade your speakers later. Need more convincing? Then consider our Wide Range Amplifier Technology (WRAT), which yields beautifully balanced sound at any volume, and Optimum Gain Volume Circuitry, which dramatically reduces noise interference. To make things even easier for you, we've topped it off with color-coded terminals and front-panel video inputs. The TX-SR500 from Onkyo—home theater starts here.

- 5 x 115 W/Ch, Continuous 6 Ω, 1 kHz, JEITA
- DTS®, Dolby® Digital, Dolby® Pro Logic™ II
- 96 kHz/24-Bit DACs for All Channels
- WRAT (Wide Range Amplifier Technology) for DVD-Audio and SACD
- 4 S-Video Inputs and 2 Outputs
- 3 Digital Inputs (2 Optical/1 Coaxial; 3 Assignable)
- CinemaFILTER™
- Optimum Gain Volume Circuitry
- "Easy-Set" Speaker Configuration
- Dot Matrix FL Display
- Color-Coded Dual Banana Plug-Compatible Speaker Posts
- Crossover Adjustment (80 Hz, 100 Hz, 120 Hz)
- Powerful Full-Function RI-Compatible Remote Control

Premium Digital DVD Players— Your Ticket to High-End Image & Sound Quality

ExperienCinema™ (DV-SP800, DV-SP500, DV-SP300)
Our over 50 years of expertise in Imaginative Sight & Sound allow you to experience pure listening and viewing pleasure through our ExperienCinema™ concept. Onkyo not only provides you with the highest picture quality available, through Progressive Scan, but also audiophile-quality sound from 192 kHz/24-bit D/A converters and Onkyo exclusives like Direct Digital Path technology. All of this adds up to a truly astounding sight and sound experience. ExperienCinema™—the way it was meant to be.

Progressive Scan

Most DVDs are “progressive”—meaning they produce video in complete frames. But to be compatible with all TVs, the DVD signal must be interlaced—a method where the picture is split into two fields and then blurred together to look like one. Progressive Scan, however, retrieves the original progressive signal, and, on such compatible displays as HDTV, digital TV and high-end projectors, “paints” all the visible lines on the screen in a single pass—so you’ll enjoy a scan-line-free image, with spectacularly clear color, no motion artifacts, and details so sharp they seem as if they’re etched onto the screen

PROGRESSIVE SCAN

192 kHz/24-Bit Audio DACs

Performing at a full 192 kHz/24-bit level of resolution, these state-of-the-art digital-to-analog converters deliver audio performance that is second to none. They boast a higher dynamic range than standard D/A converters, and are virtually resistant to clock jitter—which means you’ll enjoy the best performance possible from DVD-Audio discs, and cleaner sound from your regular DVDs and CDs.



Exclusive Direct Digital Path

Unlike other DVD players that use inexpensive PC-board copper traces to transfer the digital audio signal, Onkyo DVD players employ a high-purity, heavy-gauge, shielded cable to directly output the 96 kHz/24-bit digital bitstream straight from the disc to the back panel. This protects the audio signal against potential noise from nearby microprocessors and power supplies. So if you use the optical or coaxial digital output to send multichannel Dolby® Digital and DTS® to your compatible receiver, you’re starting off with the cleanest possible signal.

Vector Linear Shaping Circuitry (VLSC) (DV-SP800, DV-SP500)

From the digital signal a pure analog signal is born. VLSC (Vector Linear Shaping Circuitry) is an Onkyo exclusive previously found only on our high-end components. If you’re looking for the purest signal possible you’ll get it here. VLSC reduces pulse noise from the digital signal to an absolute minimum to add more depth and clarity to your CDs, movie soundtracks, and even MP3s.



DVD-Audio—Unprecedented Fidelity (DV-S939, DV-SP800, DV-S757)

DVD-Audio’s data-loss-free reproduction of 192 kHz/24-bit 2-channel stereo or 96 kHz/24-bit 6-channel surround sound recreates music with such clarity, it sounds as if it were played live in your own home. Add on a super-high frequency rate of



192,000 samples per second—4.3 times greater than an audio CD—and you have a musical experience that goes beyond just listening.

SACD—Precision Clarity (DV-SP800)

SACD (Super Audio Compact Disc) gives you the next step in the evolution of pristine sound. All channels provide for up to 100 kHz frequency response and a sampling rate of 2.822 MHz—that’s 64 times that of a regular CD! A multi-channel SACD disc can provide you with up to 6 channels of high-resolution audio in addition to a regular CD layer for playback on any existing CD player.



Video Circuit On/Off Control (DV-S939, DV-SP800, DV-S757)

For the best audio quality possible, you can turn off the video circuitry when using the DV-S939, DV-SP800 or DV-S757 as an audio-only player, eliminating the possibility of interference between the player’s video and audio circuitry.

108 MHz/12-Bit Video DAC (DV-SP800)

A crucial factor in achieving clear, pristine digital video playback is the video D/A converter in your DVD player. The state-of-the-art 108 MHz/12-bit video D/A converter featured in the DV-SP800 gives you the finest artifact-free picture available. Features such as 4x oversampling and Noise Shaped Video (NSV®) dramatically reduce noise interference to the video signal, so you can enjoy even the most subtle of nuances in your favorite movies.



Component-Video Output

This three-jack video output gives you high-quality, single-cable connection to the latest TVs, projectors and monitors. It also brings out the full potential of your DVDs by sending three extremely clean, separate RGB (red, green, and blue) signals to your TV’s picture tube. This eliminates the usual NTSC artifacts, such as dot crawl and moiré (wavelike or watered appearance), and gives stunning color fidelity with virtually no discernible video noise.



Rugged, No-Nonsense Construction

All Onkyo DVD players feature an anti-resonant, heavy-gauge, reinforced-steel chassis to provide greater strength and maximize vibration damping. Large anti-resonant feet help keep shelf-borne vibration from reaching the signal. The heavy-duty power cord delivers optimum power-handling capability, and resists wear and tear over extended long-term use. And the thick-metal faceplate does more than provide long-term elegance—it enhances overall chassis rigidity.



DV-S939 Integra

THX® Ultra Certified DVD-Audio & Video Player



Style and Build Quality to Complement Even the Most Sophisticated Home Entertainment Systems

This THX® Ultra certified player blends the ultra-high frequency response of DVD-Audio with the video precision of Progressive Scan—to take your audio/visual senses to new heights and forever change the way you experience music and movies. Comprehensively designed to perform flawlessly now and well into the future, the DV-S939 is fitted with high-end 192 kHz/24-bit DACs to faithfully reproduce 192-kHz 2-channel stereo, or loss-free 96-kHz 5.1-channel surround sound. There’s an RS-232 port for easy upgrades and full home-automation control. And the DB-25 port gives you single-cable multichannel hook-up to receivers like the TX-DS989. Plus, 6-channel RCA outputs, two gold-plated progressive component-video outputs, and four digital outputs give you total connection flexibility. Equally impressive is the DV-S939’s build quality. Two oversized transformers keep the power supply separate for the digital and analog sections. And a heavy-duty mechanical tray door and disc tray reduce vibration and provide greater signal purity.

- THX® Ultra Certified
- Plays DVD-Audio & Video, CD-Rs, CD-RWs, Video CDs and Audio CDs
- 54 MHz/10-Bit Video DAC
- RS-232 Port for Upgrades and Control
- 192 kHz/24-Bit Audio DACs for All Channels
- DB-25 and 6-Channel RCA Outputs
- 2 Gold-Plated Progressive Component-Video Outputs
- 4 Digital Outputs for DTS®, Dolby® Digital, MPEG and PCM
- Separate Transformers for Digital and Analog Sections
- Electrical and Magnetic Shielded Mechanism
- Heavy-Duty Mechanical Tray Door
- Full-Function Learning Remote Control

DV-SP800 Integra

THX® Ultra Certified DVD-Audio & Video/SACD/MP3 CD Player



The Choice of Both DVD-Audio and SACD Sets this DVD Player Apart from the Rest

DVD-Audio, with its rich, enveloping sound from 5.1 channels, or Super Audio Compact Disc (SACD), with its frequency response of up to 100 kHz and sampling rate of 2.822 MHz? The debate over which provides the purest and smoothest musical experience is still raging. Fortunately, the DV-SP800 lets you make the final decision by providing you choices other companies can only dream about. But it doesn't stop there. Few DVD players on the market meet the rigid standards of THX® Ultra certification; the DV-SP800 not only meets these standards, it exceeds them. Onkyo's exclusive ExperienCinema™ concept provides you with the finest visual and audio experience through Progressive Scan, Direct Digital Path, 192 kHz/24-bit audio DACs and Vector Linear Shaping Circuitry (VLSC). DVDs are further enhanced with lossless 108 MHz/12-bit D/A video processing. Life is about choices. The DV-SP800 could very well be the last player you'll ever have to choose.

- THX® Ultra Certified
- DTS®, Dolby® Digital Decoders Built In
- Plays DVD-Audio & Video, DVD-Rs*, DVD-RWs*, SACDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
- State-of-the-Art 108 MHz/12-Bit NSV® Video DAC
- 192 kHz/24-Bit Audio DACs for All Channels
- Direct Digital Path
- VLSC (Vector Linear Shaping Circuitry)
- Optical & Coaxial Digital Outputs for DTS®, Dolby® Digital and PCM
- 96 kHz or 48 kHz Selectable Digital Output
- Component-Video, S-Video & Composite Outputs
- Progressive Scan
- On-Screen Display (English, Chinese)
- Backlit/Preprogrammed & Learning Remote with Macros and Mode-Key LEDs

** Discs that have not been properly finalized may only be partially playable or not playable at all.*

DV-SP500

DVD/CD/MP3 CD Player



- Plays DVDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
- 192 kHz/24-Bit Audio DACs
- Direct Digital Path
- VLSC (Vector Linear Shaping Circuitry)
- Optical & Coaxial Digital Outputs for DTS®, Dolby® Digital and PCM
- 96 kHz or 48 kHz Selectable Digital Output
- Component-Video, S-Video & Composite Outputs
- Subwoofer/Mono Output
- On-Screen Display (English, Chinese)
- Front Panel Cursor Control & Display Dimmer
- Full-Function RI Remote Control

Take your movie and music experience to the next level with the DV-SP500. Without breaking the bank, this DVD/CD/MP3 CD player lets you enjoy the sharp, clear picture quality of DVD through Progressive Scan capability. But it's not only pristine video playback we're providing. In terms of audio enjoyment, 192 kHz/24-bit DACs give incomparable realism to your CDs, CD-Rs, CD-RWs and even MP3 CDs as well as your DVDs. Just another example of affordable, high-quality performance, brought to you by Onkyo.

DV-SP300

DVD/CD/MP3 CD Player



- Plays DVDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
- 192 kHz/24-Bit Audio DACs
- Direct Digital Path
- Passes PLUGE Signals
- Optical & Coaxial Digital Outputs for DTS®, Dolby® Digital and PCM
- 96 kHz or 48 kHz Selectable Digital Output
- S-Video & Composite Outputs
- Progressive Scan
- On-Screen Display (English, French, Spanish)
- Full-Function Remote Control

Such an impressive list of features combined with Onkyo quality at such an affordable price may leave you wondering if you're reading this correctly. The clarity of Progressive Scan gives realism to your movies you never thought possible. 192 kHz/24-bit DACs will give you unrivaled sonic playback. And Onkyo's exclusive Direct Digital Path gives you a noise-free DTS® or Dolby® Digital signal for your listening enjoyment.

DV-S757

THX® Ultra Certified DVD-Audio & Video/CD/MP3 CD Player



- THX® Ultra Certified
- Plays DVD-Audio & Video, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
- 54 MHz/10-Bit Video DAC
- 192 kHz/24-Bit Audio DACs for All Channels
- Direct Digital Path
- Passes PLUGE Signals
- 96 kHz or 48 kHz Selectable Digital Output
- S-Video & Composite Outputs
- 6-Channel RCA Output
- Dedicated Subwoofer Pre Out
- Full-Function RI Remote Control

The more you like movies, the more you'll appreciate the THX® Ultra certified DV-S757. Audio performance is second to none, with a video-circuitry off mode, audiophile-grade digital-to-analog 192 kHz/24-bit Crystal® converters, and Onkyo's exclusive Direct Digital Path—a high-purity, shielded cable that directly outputs the 96 kHz/24-bit digital bitstream straight from the disc to the back panel. What about the picture? The state-of-the-art 54 MHz/10-bit video DAC system provides the highest quality video digital-to-analog conversion available today, for an improvement you have to see to appreciate!

SKF-201

2-Way, Bass Reflex



•20 cm cone woofer x 2 •2.5 cm soft-dome tweeter •Magnetically shielded •Gold-plated, heavy-duty, multiway binding posts •MDF Cabinet •Impedance: 6Ω •Max. input power: 150W •Frequency response: 30Hz–35kHz •WHD: 264 x 981 x 345 mm •20.2 kg

SKF-101 (R/W)

2-Way, Bass Reflex



SKF-101(R)



SKF-101(W)

•16 cm cone woofer x 2 •2.5 cm soft-dome tweeter •Magnetically shielded •Gold-plated, heavy-duty, multiway binding posts •MDF Cabinet •Impedance: 6Ω •Max. input power: 150W •Frequency response: 32Hz–35kHz •WHD: 216 x 921 x 285 mm •14.2 kg

SKS-305

Center/Surround Speaker Package



SKC-305

SKR-305

SKC-305

Horizontal Low-Profile Center Speaker

•2-Way bass reflex •10 cm cone woofer x 2 •2.5 cm soft-dome tweeter •Magnetically shielded •Tilttable base (30° up and 15° down) •OFC voice coils for both woofers •Heavy-duty, insulated, multiway binding posts •Impedance: 6Ω •Max. input power: 80W •Frequency response: 50Hz–20kHz •WHD: 470 x 131 x 165 mm •3.6 kg

SKR-305

Left and Right Dipole Surround Speakers

•2-Way air-suspension •13 cm cone woofer x 2 •7 cm cone tweeters •OFC voice coil in the woofer's driver •Heavy-duty, insulated multiway binding posts •Medium density fiberboard cabinet •Scratch-resistant black ash vinyl finish •Impedance: 6Ω •Max. input power: 50W •Frequency response: 70Hz–20kHz •WHD: 159 x 275 x 160 mm •2.3 kg

SKS-101 (R/W)

Center/Surround Speaker Package



SKS-101(R)



SKS-101(W)

Center Speaker

•Full range bass reflex •Full range 10 cm cone x 2 •Magnetically shielded •MDF Cabinet •Impedance: 6Ω •Max. input power: 100W •Frequency response: 63Hz–20kHz •WHD: 435 x 125 x 165 mm •2.6 kg

Surround Speakers

•Full range, acoustic suspension •Full range 10 cm cone •MDF Cabinet •Wall-mounting bracket •Impedance: 6Ω •Max. input power: 100W •Frequency response: 100Hz–20kHz •WHD: 125 x 217 x 145 mm •1.2 kg

SKR-101 (R/W)

Surround Back Speaker



SKR-101(R)

SKR-101(W)

•Full range, acoustic suspension •Full range 10 cm cone •MDF Cabinet •Wall-mounting bracket •Impedance: 6Ω •Max. input power: 100W •Frequency response: 100Hz–20kHz •WHD: 125 x 217 x 145 mm •1.2 kg (sold individually)

D-40

2-Way, Bass Reflex



A powerful neodymium magnet and 9 cm OMF diaphragm woofer provide excellent sonic accuracy.

•9 cm OMF diaphragm woofer •2.5 cm soft-dome tweeter •Magnetically shielded •MDF cabinet •Impedance: 6Ω •Max. input power: 40W •Frequency response: 90Hz–35kHz •WHD: 115 x 190 x 157 mm •1.5 kg (sold individually)

SKW-320

Dual Drive Powered Subwoofer



crossover (50–200Hz) •Phase control switch •20 cm rigid, pulp cone woofer x 2 •Magnetically shielded •Hardened, smoked glass top •Scratch-resistant black ash vinyl finish •MDF cabinet •Impedance: 5kΩ (Line input), 1.6kΩ (Speaker input terminal) •Max. power: 100W •Frequency response: 25–200Hz •WHD: 347 x 381 x 367 mm •15 kg

SKW-205

Bass Reflex Powered Subwoofer



woofer x 2 •Magnetically shielded •MDF cabinet •Impedance: 12kΩ (Line input), 4.7kΩ (Speaker input terminal) •Max. power: 60W •Frequency response: 30–200Hz •WHD: 235 x 455 x 347 mm •11.2 kg

TX-8511

Hi-Fi Receiver



CORDS

•130W/ch, at 6Ω, JEITA •Discrete output stage circuitry •Massive isolated power transformer •4 Audio and 2 A/V inputs •Multiroom and multisource capability •30 FM/AM presets •2-Mode APR (Automatic Precision Reception) •RDS (PS, PTY, RT, TP) •Brushed aluminum front panel •RI-compatible remote control •S/N ratio: 76dB (FM mono), 70dB (FM stereo), 40dB (AM) •WHD: 435 x 150 x 322 mm •8.9 kg

DX-7333

CD Player



•Single-bit D/A converter •8 x oversampling •2 Optical digital outputs •Fixed output •Headphone jack with volume control •36-Track random memory •Memory reverse (program delete) •Next selection (via remote) •Peak-level search (via remote) •5 Repeat modes (Full/Single/Memory/Shuffle/A-B) •Brushed aluminum front panel •RI remote control •Frequency response: 5Hz–20kHz •THD: 0.005% (1kHz) •S/N ratio: 90dB •Dynamic range: 96dB •WHD: 435 x 91 x 308 mm •4.1 kg

DX-R700

Audio CD Recorder



•CD/CD-R/CD-RW compatibility •Single-bit D/A converter •8 x oversampling •Auto finalizing function •Digital recording with 32kHz/44.1kHz/48kHz sampling rate converter •1 Track/All track erase function (CD-RW disc) •Signal-synchro recording with digital source •Rec volume (analog/digital input) •1 Analog input and 1 output (stereo) •2 Digital inputs and 2 outputs (optical/coaxial) •3 Edit functions (Rec level/CD dubbing mode/Erase) •Memory playback •Random play •Repeat play (Disc/Track) •CD-Text display capability •RI remote control •Frequency response: 5Hz–20kHz •Playback S/N ratio: 98dB •Recording S/N ratio: 94dB •WHD: 435 x 91 x 315 mm •4.2 kg

MB-S1

Hard-Disk Music Library



Fraunhofer Institut Integrierte Schaltungen



TX-8211

Hi-Fi Receiver



CORDS

•100W/ch, at 6Ω, JEITA •Discrete output stage circuitry •Massive isolated power transformer •4 Audio inputs •30 FM/AM presets •2-Mode APR •RDS (PS, PTY, RT, TP) •Brushed aluminum front panel •RI-compatible remote control •S/N ratio: 76dB (FM mono), 70dB (FM stereo), 40dB (AM) •WHD: 435 x 150 x 322 mm •8.3 kg

DX-C380

6-Disc CD Carousel Changer



•Single-bit D/A converter •8 x oversampling •Optical digital output •Fixed output •Change up to 5 discs during play •40-Track programming •Next selection •Peak-level search •6 Repeat modes (Entire disc/All discs/Random tracks/Programmed tracks/Random memory/Single track) •Brushed aluminum front panel •RI remote control •Frequency response: 5Hz–20kHz •THD: 0.005% (1kHz) •S/N ratio: 92dB •Dynamic range: 96dB •WHD: 435 x 131 x 433 mm •6.9 kg

TA-RW244

Double Auto-Reverse Cassette Deck



•Dolby® B and C noise reduction •CD to tape synchro recording •Rec level control •Auto-space and rec mute •RI system compatible •Brushed aluminum front panel •Wow & flutter: 0.08% (WRMS) •Frequency response: 20Hz–17kHz (metal tape) •S/N ratio: 56dB (metal tape, Dolby® NR off) •WHD: 435 x 121 x 305 mm •5.1 kg

•Record and play up to 450 hours of music •Easily sort your music by genre, artist, album, title or date •Create up to 10 custom playlists •Front-panel USB port •2 Digital inputs and 1 optical output •20 GB silent audio-grade HDD •Fraunhofer IIS MP3 encoding/decoding engine •Full-function CD player plays MP3 CDs and CD-Rs •"Carry Tunes" bundled PC software •Separate PC boards for system control and D/A conversion •Full-function remote •24-Bit D/A & A/D converters •Built-in sampling rate converter •High-speed CD to HDD recording •Selectable PCM/MP3 recording mode •Signal-synchro recording with both digital and analog sources •1 Analog input and 1 output (stereo) •"Favorite" playback •Repeat mode •6 Play modes (Group/Title/Playlist/Genre/Artist/Album) •Random playback mode •USB cable supplied •Frequency response: 5Hz–20kHz (±1.0dB) •S/N ratio: 90dB •Dynamic range: 96dB •WHD: 435 x 81 x 348 mm •5.0 kg



DR-L50, HTP-L50



DR-S2.2, HTP-2S

Nobody Does Home Theater Quite Like Us

One of the unwritten rules of home theater used to be that you couldn't have a top-class receiver and a top-class player in the same component. Times sure have changed. Onkyo's all-in-one DR-L50 brings together in a single, sleek case all the crucial elements of home theater: a high-performance 5.1-channel digital surround amplifier, a versatile multi-media player, and a full range of surround sound decoders. Vector Linear Shaping Circuitry (VLSC) further enhances sound output by dramatically improving the signal-to-noise ratio. And what better way to top it off than with the tailor-made HTP-L50 speaker package? These classy speakers bring rich, resonant, room-filling sound to all your favorite movies and music.

Liverpool L-MS50

DR-L50 DVD/CD Receiver

- 5 x 26 W/Ch, Continuous 6 Ω , 1 kHz, JEITA
- DTS[®], Dolby[®] Digital, Dolby[®] Pro Logic[™] II, PCM
- Plays DVDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
- High-Current, Low-Impedance Drive
- VLSC (Vector Linear Shaping Circuitry)
- S-Video Output
- Digital Input and Output
- Subwoofer Pre Out
- Progressive Scan
- Color-Coded Speaker Terminals
- Preprogrammed RI Remote Control



HTP-L50 Speaker Package D-L1X

- Bass Reflex Speakers**
 - Full range 8 cm OMF cone
 - Magnetically shielded
 - MDF cabinet
 - Impedance: 6 Ω
 - Max. input power: 30W
 - Frequency response: 125Hz–25kHz
 - WHD: 85 x 120 x 112 mm
 - 0.7 kg
- SL-105(Y)**
 - Bass Reflex Powered Subwoofer**
 - Built-in 60W amplifier
 - Front-panel volume control
 - Auto-Standby-On circuitry (and cancelling switch)
 - Continuously variable crossover (50–200Hz)
 - 20 cm rigid, low-mass, pulp cone type woofer
 - Magnetically shielded
 - MDF cabinet
 - Impedance: 12k Ω (Line input), 4.7k Ω (Speaker input terminal)
 - Max. power: 60W
 - Frequency response: 30–200Hz
 - WHD: 235 x 416 x 404 mm
 - 12.5 kg
 - (also sold separately)



DR-L50, HTP-L50 (D-L1X x 5, SL-105(Y))



Spacious and Stylish Sound from a Perfectly Matched Home Theater System

With elegance and performance that put it above conventional home-theater-in-a-box systems, the DR-S2.2 stylishly combines a high-quality DVD/CD/CD-RW/Video-CD/MP3 CD player with an exquisitely engineered amplifier and a highly sensitive FM/AM tuner. Onkyo has taken the guesswork out of matching speakers to this piece of art by offering you surround sound performance in the form of palm-sized heavy-duty solid aluminum D-L5 bass reflex speakers and booming LFEs from the SL-105 subwoofer. Hooking up your system to a TV is a breeze, through an array of connections on the back. The L-MS2.2—accentuate any room with curves to die for and sound to live by.

Liverpool L-MS2.2

DR-S2.2 DVD/CD Receiver

- 5 x 45 W/Ch, Continuous 6 Ω , 1 kHz, JEITA
- DTS[®], Dolby[®] Digital, Dolby[®] Pro Logic[™] II, PCM
- Plays DVDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
- High-Current, Low-Impedance Drive
- 2 S-Video Inputs and 2 Outputs
- 2 Digital Inputs and 1 Output
- Subwoofer Pre Out
- Color-Coded Speaker Terminals
- Preprogrammed, Aluminum-Faced, Learning RI Remote Control



DR-S2.2, HTP-2S (D-L5 x 5, SL-105(S))





TX-L5, DV-L5X, D-105F,
SKS-101(W), SL-105(Y)



PDR-155, HTP-L7

A Sleek and Powerful Complete System to Fulfill Your Home Theater Needs

Liverpool L-MS5LX

- TX-L5** SILVER
5.1-Channel Digital Surround Receiver
- 5.1-Channel Amplifier
 - DTS®, Dolby® Digital, Dolby® Pro Logic™ II
 - WRAT (Wide Range Amplifier Technology)
 - Discrete Output Devices for All Channels
 - 96 kHz/24-Bit DACs for All Channels
 - Non-Scaling Configuration
 - 7 DSP Soundfields
 - 2-Mode Acoustic Control
 - 3 Digital Inputs (2 Optical/ 1 Coaxial)
 - 3 S-Video Inputs and 2 Outputs
 - Subwoofer Pre Out
 - Tape/MD Dubbing & Video Dubbing
 - 30 FM/AM Random Presets
 - FM Auto-Scan Tuning
 - Full-Function RI Remote Control



- DV-L5X** SILVER
DVD/CD/MP3 CD Player
- Plays DVDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
 - 192 kHz/24-Bit Audio DACs for All Channels
 - Direct Digital Path
 - Optical & Coaxial Digital Outputs for DTS®, Dolby® Digital and PCM
 - 96 kHz or 48 kHz Selectable Digital Output
 - Full Set of A/V Outputs (Component-Video, S-Video & Composite)
 - Progressive Scan
 - Dynamic Range Control
 - Last Play Memory (5 DVDs)
 - Program Memory (24 DVDs)
 - Condition Memory (15 DVDs)
 - On-Screen Display (English, Chinese)
 - Full-Function RI Remote Control



- D-105F**
2-Way, Bass Reflex
- 9 cm OMF diaphragm woofer x 2
 - 2.5 cm soft-dome tweeter • Magnetically shielded • Heavy-duty, dual banana-plug compatible terminals • MDF cabinet
 - Impedance: 6Ω • Max. input power: 70W
 - Frequency response: 50Hz–35kHz • WHD: 193 x 872 x 260 mm • 7.1 kg

- SKS-101(W)**
Center/Surround Speaker Package
- Center Speaker**
- Full range 10 cm cone x 2 • Magnetically shielded • MDF cabinet • Impedance: 6Ω
 - Max. input power: 100W • Frequency response: 63Hz–20kHz • WHD: 435 x 125 x 165 mm • 2.6 kg
- Surround Speakers**
- Full range, acoustic suspension • Full range 10 cm cone • MDF cabinet • Wall-mounting bracket • Impedance: 6Ω • Max. input power: 100W • Frequency response: 100Hz–20kHz • WHD: 125 x 217 x 145 mm • 1.2 kg
 - (surround speakers are included with system L-MS5LX)



TX-L5, DV-L5X, D-105F, SKS-101(W), SL-105(Y)

Fill Your Room with Sound from an Unbelievably Compact yet Powerful System

A complete home theater system in such a compact combo? Hard to believe—yes. Impossible—no, thanks to Onkyo. The size of this combination DVD player and 5.1-channel digital surround receiver may be compact but the list of features will make most full-sized systems envious. Progressive Scan for the highest picture resolution when used with compatible televisions. DTS® and Dolby® Pro Logic™ II decoding to put the accompanying palm-sized satellite speakers to the test. We've even added a perfectly matched subwoofer to elicit the deep impact of your movies and music. With Onkyo's usual generous array of inputs and outputs, you can easily transform any room into a home theater. All of this is yours in a sturdy, unbelievably compact 155 mm body, graced with an elegant aluminum front panel. The L-DR7—perfect for those looking for high-impact, multichannel surround home theater in space-saving dimensions. The size may be minimum, but the sound is definitely maximum.

Liverpool L-DR7

- PDR-155** SILVER
DVD/CD Receiver
- DTS®, Dolby® Digital, Dolby® Pro Logic™ II, PCM
 - Plays DVDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
 - High-Current, Low-Impedance Drive
 - S-Video Output
 - 1 Digital Input and 2 Outputs
 - Subwoofer Pre Out
 - Progressive Scan
 - Color-Coded Speaker Terminals
 - On-Screen Display (English, Chinese)
 - Preprogrammed Remote Control



PDR-155, HTP-L7 (D-M3 x 3, D-M7 x 2, SWA-155)

- HTP-L7**
Speaker Package
- D-M3**
Full-Range, Bass Reflex Center/Surround Speakers
- Full range 8 cm OMF cone • Magnetically shielded • MDF cabinet • Impedance: 6Ω
 - Max. input power: 30W • Frequency response: 125Hz–25kHz • WHD: 85 x 120 x 112 mm • 0.7 kg
- D-M7**
Full-Range, Bass Reflex
- Full range 8 cm OMF cone • Magnetically shielded • MDF cabinet • Impedance: 6Ω
 - Max. input power: 40W • Frequency response: 80Hz–25kHz • WHD: 102 x 210 x 142 mm • 1.1 kg
- SWA-155**
Bass Reflex Powered Subwoofer
- Built-in 15W amplifier • 16 cm OMF cone • Magnetically shielded • MDF cabinet
 - Impedance: 50kΩ • Max. input power: 25W • Frequency response: 35–150Hz
 - WHD: 185 x 299 x 312 mm • 8.0 kg

High-End Desktop CD Receiver with USB Port for Playing PC Audio



CR-N1, D-N1

Satisfy All Your Musical Needs with This Complete CD/MD Receiver System



FR-N3X, D-N3X

Liverpool HS-N1 SILVER

CR-N1
CD Receiver
Amplifier Features
•15W/ch, at 4Ω, JEITA •Frequency response: 10Hz–50kHz (±3dB) •High-current, low-impedance drive •2-Mode acoustic presence feature •1 Audio input and 1 output for tape, MD, CD-R •Subwoofer pre out •USB port for PC audio connection

CD Player Features
•Single-bit D/A converter •20-Track programming •4 Play modes (Track/Full/Random/Memory) •3 Repeat modes (Full/Random/Memory) •CD-R playback
Tuner & Other Features
•Optical digital output •4-Mode timer (Weekday/Weekend/Once/Sleep) •30 FM/AM presets •Automatic FM scan tuning •Audio muting (operable via remote) •Battery-free memory backup •Headphone jack •Aluminum construction •Full-function remote control •Usable sensitivity: 11.2dBf, 1.0μV (FM mono, 75Ω, IHF) •Capture ratio: 2.0dB (FM) •Image rejection ratio: 85dB (FM) •IF rejection ratio: 90dB (FM) •S/N ratio: 73dB (FM mono) •WHD: 203 x 270 x 234 mm •4.2 kg

D-N1
2-Way, Bass Reflex
•9 cm OMF diaphragm woofer •2.5 cm soft-dome tweeter •Magnetically shielded •MDF cabinet •Impedance: 4Ω •Max. input power: 30W •Frequency response: 63Hz–35kHz •WHD: 165 x 271 x 160 mm •1.7 kg

A Handsome Addition to Your Desktop or Bedside Table—With Bigger, Cleaner Sound



R-801A, C-701A, MD-101A, D-022A, CDR-201A

Looking to Enjoy Great Sound in Small Spaces? Your Search is Over.



CR-305TX, D-N5TX

Liverpool L-155A SILVER

R-801A
Hi-Fi FM/AM Receiver
•24W/ch, at 4Ω, JEITA •Wide Range Amplifier Technology (WRAT) •Frequency response: 10Hz–100kHz (+0, -3dB) •High-current, low-impedance drive •Discrete output stage circuitry •4-Mode acoustic presence feature •4-Mode timer (Weekday/Weekend/Sleep/Rec) •30 FM/AM presets •Automatic FM scan tuning •Motor driven volume control •Audio muting (operable via remote) •Battery-free memory backup •Headphone jack •Brushed aluminum front panel •RI-compatible remote control •S/N ratio: 73dB (FM mono, IHF) •WHD: 155 x 94 x 285 mm •2.9 kg

C-701A
CD Player
•Single-bit D/A converter •8 x oversampling •DLA Link2 (seeks peak levels when one-touch recording to Onkyo's MD-101A and CDR-201A) •Dual optical digital outputs •25-Track random memory •3 Repeat modes (Full/Random/Memory) •Frequency response: 5Hz–20kHz •S/N ratio: 80dB •Dynamic range: 92dB •WHD: 155 x 76 x 277.5 mm •1.95 kg

MD-101A
MD Player/Recorder
•24-Bit D/A & A/D converters •Built-in sampling rate converter •DLA (sets peak levels when one-touch recording from Onkyo's C-701A) •Specified track dubbing •2-Mode one-touch CD recording (Album/Fade) •2 Optical digital inputs •Synchro recording with both digital and analog sources •Monaural recording compatibility •4 Recording modes (Monaural/SP (standard)/LP2/LP4) •31 Preset titles for easy disc/track titling •5 Edit functions (Combine/Divide/Move/Erase/Name In) •25-Track programming •2 Play modes (Random/Memory) •3 Repeat modes (Disc/Track/A-B) •Front-panel digital and analog input switch •Rec volume (analog/digital input) •RI remote control •Frequency response: 10Hz–20kHz (±0.5dB) •S/N ratio: 100dB •Dynamic range: 95dB •WHD: 155 x 76 x 286.5 mm •2.3 kg

D-022A
2-Way, Bass Reflex
•12 cm OMF cone woofer •2.5 cm soft-dome tweeter with neodymium magnet •Magnetically shielded •High-purity copper speaker cable supplied •Impedance: 4Ω •Max. input power: 70W •Frequency response: 60Hz–40kHz •WHD: 136 x 244 x 227 mm •3.0 kg

CDR-201A
Audio CD Recorder
•CD/CD-R/CD-RW compatibility •Single-bit D/A converter •DLA Link •Auto finalizing function •Digital recording with 32kHz/44.1kHz/48kHz sampling rate converter •1 Track/All track erase function (CD-RW disc) •Signal-synchro recording •Rec volume (analog/digital input) •1 Analog input and 1 output (stereo) •2 Digital inputs and 1 output (optical) •5 Edit functions (Rec level/CD dubbing mode/Erase/Name in/Level synchro) •Memory playback •Random play •Repeat play (Disc/Track) •RI remote control •Frequency response: 10Hz–20kHz •Playback S/N ratio: 98dB •Recording S/N ratio: 82dB •WHD: 155 x 94 x 307 mm •2.8 kg

Liverpool CS-210 SILVER

CR-305TX
CD Receiver
Amplifier Features
•20W/ch, at 4Ω, JEITA •Frequency response: 10Hz–50kHz (±3dB) •High-current, low-impedance drive •Discrete output stage circuitry •4-Mode acoustic presence and super bass •3 Audio inputs and 3 outputs for tape, MD, CD-R

CD Player Features
•Single-bit D/A converter •DLA Link2 (seeks and sets peak levels when one-touch recording to MD-105TX and CDR-205X) •20-Track programming •4 Play modes (Track/Full/Random/Memory) •Repeat mode

Tuner & Other Features
•Optical digital output •4-Mode timer (Weekday/Weekend/Rec/Sleep) •30 FM presets •Automatic FM scan tuning •Motor driven volume control •Illuminated volume knob •Battery-free memory backup •Headphone jack •Aluminum front panel •RI-compatible remote control •Usable sensitivity: 12.8dBf, 1.0μV (FM mono, 75Ω, IHF) •Capture ratio: 2.0dB (FM) •Image rejection ratio: 85dB (FM) •IF rejection ratio: 90dB (FM) •S/N ratio: 73dB (FM mono) •WHD: 205 x 103 x 362 mm •5.6 kg

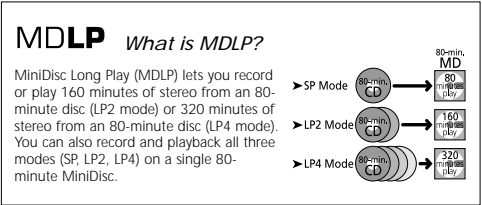
D-N5TX
2-Way, Bass Reflex
•12 cm OMF diaphragm woofer •2.5 cm balanced-dome tweeter •Magnetically shielded •Impedance: 6Ω •Max. input power: 70W •Frequency response: 50Hz–40kHz •WHD: 147 x 253 x 249 mm •2.7 kg

DLA LINK2 / DLA LINK

Optimum Recording Levels

Our exclusive Digital Rec Level Adjustment (DLA) automatically seeks and sets peak levels for you—so you don't have to fiddle with knobs to keep music at a consistent volume throughout when making CD-R or MiniDisc compilations with songs recorded from different discs.

*DLA Link2 (CD-R or MiniDisc), DLA Link (MiniDisc)



Liverpool L-205TX

Create the Depth and Excitement of a Concert Hall in Your Home—Without Taking Up the Space



A-905TX, T-405TX, C-705TX, MD-105TX, D-062AX

Liverpool L-805TX

Striking New Design, Classic Shelf-System Convenience, and Simply Gorgeous Sound!



R-805TX, C-705TX, D-052TX

Liverpool L-805AVC

Instantly Transform Any Room into a Thrilling Home Theater



R-805TX, MD-105TX, DV-S205TX, ED-205, D-052TX, D-30, D-30C

A-905TX

Integrated Amplifier
•29W/ch, at 4Ω, JEITA •Wide Range Amplifier Technology (WRAT) •Frequency response: 10Hz–100kHz (±3dB) •3-Step inverted darlington design •3-Mode acoustic presence feature •Discrete output stage circuitry •Massive isolated power transformer •Bass and Treble tone control •Motor driven volume control •6 Audio inputs •In/Out processor jacks for surround processor, graphic equalizer and other upcoming formats •Subwoofer pre out •Banana-plug compatible speaker terminals •Source direct switch •Battery-free memory backup •Brushed aluminum front panel •RI-compatible remote control •S/N ratio: 100dB (Line/DVD, CD, MD, CD-R/PC) •WHD: 205 x 91 x 302 mm •3.4 kg

MD-105TX

MD Player/Recorder
•24-Bit D/A & A/D converters •Built-in sampling rate converter •DLA (sets peak levels when one-touch recording from Onkyo's C-705TX) •Specified track dubbing •2-Mode one-touch CD recording (Album/Fade) •2 Optical digital inputs •Synchro recording with both digital and analog sources •Monaural recording compatibility •4 Recording modes (Monaural/SP (standard)/LP2/LP4) •31 Preset titles for easy disc/track titling •5 Edit functions (Combine/Divide/Move/Erase/Undo) •25-Track programming •2 Play modes (Random/Memory) •3 Repeat modes (Disc/Track/A-B) •Front-panel digital and analog input switch •Rec volume (analog/digital input) •RI remote control •Frequency response: 10Hz–20kHz (±0.5dB) •S/N ratio: 106dB •Dynamic range: 97dB •WHD: 205 x 76 x 285 mm •2.4 kg

C-705TX

CD Player
•Single-bit D/A converter •8 x oversampling •DLA Link2 (seeks peak levels when one-touch recording to Onkyo's MD-105TX) •Dual optical digital outputs •25-Track random memory •TR-1 play mode •4 Repeat modes (Track/Full/Random/Memory) •Optional remote control: RC-289C •Frequency response: 5Hz–20kHz •S/N ratio: 90dB •Dynamic range: 96dB •WHD: 205 x 91 x 275 mm •2.2 kg

DV-S205TX

DVD/CD/MP3 CD Player
•DTS® and Dolby® Digital (AC-3) decoders •2 Digital outputs for DTS®, Dolby® Digital (AC-3) (optical) •DVD/MP3/Video CD/CD/CD-R/CD-RW playback •96kHz/24-bit audio D/A converters •27MHz/10-bit video D/A converter •Composite output •Component-video output •S-video output •5.1-Channel analog output •High-resolution on-screen display •Brushed aluminum front panel •RI remote control •S/N ratio: 95dB •WHD: 205 x 91 x 339 mm •2.5 kg

T-405TX

FM Tuner
•4-Mode timer (Weekday/Weekend/Sleep/Rec) •30 FM presets •Selectable character display •AccuClock •Battery-free memory backup •Usable sensitivity: 12.8dBf, 1.2μV (FM mono, 75Ω, IHF) •Capture ratio: 1.0dB (FM) •Image rejection ratio: 50dB (FM) •IF rejection ratio: 80dB (FM) •S/N ratio: 76dB (FM mono), 70dB (FM stereo) •WHD: 205 x 76 x 279 mm •1.7 kg

R-805TX

Hi-Fi FM/AM Receiver
•24W/ch, at 4Ω, JEITA •Wide Range Amplifier Technology (WRAT) •Frequency response: 10Hz–50kHz (+0, -3dB) •High-current, low-impedance drive •Discrete output stage circuitry •3-Mode acoustic presence feature •4-Mode timer (Weekday/Weekend/Sleep/Rec) •30 FM/AM presets •Automatic FM scan tuning •Motor driven volume control •Audio muting (operable via remote) •Battery-free memory backup •Headphone jack •Banana-plug compatible speaker terminals •Brushed aluminum front panel •RI-compatible remote control •S/N ratio: 73dB (FM mono, IHF) •WHD: 205 x 91 x 302 mm •3.4 kg

ED-205

A/V Surround Processor
•22W/ch, at 6Ω, JEITA (center/surround) •Dolby® Pro Logic™ decoder •5.1 Multichannel inputs •6-Channel test tone •Dedicated line-level subwoofer pre out •S-video & composite inputs and outputs •Brushed aluminum front panel •Full-function remote control •Large 17-segment fluorescent display •WHD: 205 x 76 x 350 mm •3.7 kg

D-062AX

2-Way, Bass Reflex
•13 cm OMF diaphragm woofer •2.5 cm soft-dome tweeter •Magnetically shielded •Banana-plug compatible speaker terminals •High-purity copper speaker cable supplied •MDF cabinet •Impedance: 4Ω •Max. input power: 70W •Frequency response: 50Hz–35kHz •WHD: 170 x 295 x 233 mm •4.1 kg

D-052TX

2-Way, Bass Reflex
•13 cm OMF diaphragm woofer •2.5 cm soft-dome tweeter •Magnetically shielded •Banana-plug compatible speaker terminals •High-purity copper speaker cable supplied •MDF cabinet •Impedance: 4Ω •Max. input power: 70W •Frequency response: 55Hz–35kHz •WHD: 162 x 284 x 232 mm •3.9 kg

D-30

Bass Reflex Speakers
•Full range 9 cm OMF cone •Magnetically shielded •Aluminum cabinet •Impedance: 6Ω •Max. input power: 40W •Frequency response: 100Hz–20kHz •WHD: 130.5 x 214 x 77 mm •1.1 kg

D-30C

Bass Reflex Speaker
•Full range 9 cm OMF cone •Magnetically shielded •Aluminum cabinet •Impedance: 6Ω •Max. input power: 70W •Frequency response: 80Hz–20kHz •WHD: 265 x 130.5 x 79.5 mm •1.7 kg

Optional Components

K-505TX

Auto-Reverse Cassette Deck
•Auto-reverse •Dolby® B and C noise reduction, Dolby® HX Pro •CD/MD to tape synchro recording •Automatic recording level control •Auto-space and rec mute •Music search •RI remote terminal •Wow & flutter: 0.1% (WRMS) •Frequency response: 20Hz–16kHz (metal tape) •S/N ratio: 54dB (metal tape, Dolby® NR off) •WHD: 205 x 76 x 278 mm •2.6 kg

CDR-205X

Audio CD Recorder
•CD/CD-R/CD-RW compatibility •Single-bit D/A converter •8 x oversampling •Auto finalizing function •Digital recording with 32kHz/44.1kHz/48kHz sampling rate converter •1 Track/All track erase function (CD-RW disc) •Signal-synchro recording with digital source •Rec volume (analog/digital input) •1 Analog input and 1 output (stereo) •2 Digital inputs and 1 output (optical) •3 Edit functions (Rec level/CD dubbing mode/ Erase) •Memory playback •Random play •Repeat play (Disc/Track) •RI remote control •Frequency response: 5Hz–20kHz •Playback S/N ratio: 98dB •Recording S/N ratio: 94dB •WHD: 205 x 76 x 303 mm •2.9 kg

Liverpool AV-500

Enjoy the Best Your Movies and Music Have to Offer with This All-in-One Package System



TX-SR500, SKF-101(W), SKS-101(W), SL-105(Y), Optional DV-SP500

Liverpool AV-600

Let Onkyo Transform Your Home into Your Own Movie Theater with This Perfectly Matched 6.1-Channel System



TX-SR600, SKF-201, SKS-101(R), SKW-205, Optional DV-SP500

TX-SR500

5.1-Channel Digital Surround Receiver

- 5 x 115 W/Ch, Continuous 6 Ω, 1 kHz, JEITA
- DTS®, Dolby® Digital, Dolby® Pro Logic™ II
- 96 kHz/24-Bit DACs for All Channels
- WRAT (Wide Range Amplifier Technology) for DVD-Audio and SACD
- 3 Digital Inputs (2 Optical/1 Coaxial; 3 Assignable)
- CinemaFILTER™
- Color-Coded Dual Banana Plug-Compatible Speaker Posts
- Crossover Adjustment (80 Hz, 100 Hz, 120 Hz)

TX-SR600

6.1-Channel Digital Surround Receiver

- 6 x 145 W/Ch, Continuous 6 Ω, 1 kHz, JEITA
- DTS®-ES™ Discrete/Matrix 6.1, DTS® Neo:6, Dolby® Digital EX™, Dolby® Pro Logic™ II
- 192 kHz/24-Bit DACs (for L/R channels) and 96 kHz/24-Bit DACs (for other channels)
- 10 Hz-100 kHz Extended Frequency
- 4 Digital Inputs (3 Optical/1 Coaxial; 3 Assignable)
- CinemaFILTER™
- Color-Coded Dual Banana Plug-Compatible Speaker Posts
- Crossover Adjustment (80 Hz, 100 Hz, 120 Hz)

DV-SP500

DVD/CD/MP3 CD Player

- Plays DVDs, MP3 CDs, CD-Rs, CD-RWs, Video CDs and Audio CDs
- 192 kHz/24-Bit Audio DACs for All Channels
- Direct Digital Path
- VLSC (Vector Linear Shaping Circuitry)
- Optical & Coaxial Digital Outputs for DTS®, Dolby® Digital and PCM

Home Theater Speakers

SKF-101(R/W)

2-Way, Bass Reflex
•16 cm cone woofer x 2 •2.5 cm soft-dome tweeter •Magnetically shielded •Max. input power: 150W •Frequency response: 32Hz–35kHz •WHD: 216 x 921 x 285 mm •14.2 kg

SKF-201

2-Way, Bass Reflex
•20 cm cone woofer x 2 •2.5 cm soft-dome tweeter •Magnetically shielded •Max. input power: 150W •Frequency response: 30Hz–35kHz •WHD: 264 x 981 x 345 mm •20.2 kg

SKS-101(R/W)

Center/Surround Speaker Package
Center Speaker
•Full range 10 cm cone x 2 •Magnetically shielded •Max. input power: 100W •Frequency response: 63Hz–20kHz •WHD: 435 x 125 x 165 mm •2.6 kg

Surround Speakers
•Full range, acoustic suspension •Full range 10 cm cone •Wall-mounting bracket •Max. input power: 100W •Frequency response: 100Hz–20kHz •WHD: 125 x 217 x 145 mm •1.2 kg

SL-105(Y)

Bass Reflex Powered Subwoofer
•Built-in 60W amplifier •Front-panel volume control •Auto-Standby-On circuitry (and cancelling switch) •20 cm rigid, low-mass, pulp cone type woofer •Magnetically shielded •Max. power: 60W •Frequency response: 30–200Hz •WHD: 235 x 416 x 404 mm •12.5 kg

SKW-205

Bass Reflex Powered Subwoofer
•Built-in 60W amplifier •Front-panel movie/music mode for boosting low-level frequencies during movies •Front-panel volume control •Auto-Standby-On circuitry (and cancelling switch) •20 cm rigid, low-mass, pulp cone type woofer x 2 •Magnetically shielded •Max. power: 60W •Frequency response: 30–200Hz •WHD: 235 x 455 x 347 mm •11.2 kg

SKR-101(R/W) Surround Back Speaker

•Full range, acoustic suspension •Full range 10 cm cone •Wall-mounting bracket •Max. input power: 100W •Frequency response: 100Hz–20kHz •WHD: 125 x 217 x 145 mm •1.2 kg
(sold individually)

FEATURES

A/V RECEIVERS	TX-DS989	TX-NR900	TX-SR800	TX-SR700	TX-SR600	TX-SR500
POWER SPECIFICATIONS						
POWER OUTPUT* FRONT L/R (6 Ω, 1 kHz, JEITA)	200 W/Ch	180 W/Ch	160 W/Ch	160 W/Ch	145 W/Ch	115 W/Ch
CENTER (6 Ω, 1 kHz, JEITA)	200 W	180 W	160 W	160 W	145 W	115 W
SURROUND L/R (6 Ω, 1 kHz, JEITA)	200 W/Ch	180 W/Ch	160 W/Ch	160 W/Ch	145 W/Ch	115 W/Ch
SURROUND BACK (6 Ω, 1 kHz, JEITA)	200 W/Ch (L/R)	180 W/Ch (L/R)	160 W/Ch (L/R)	160 W	145 W	
DYNAMIC POWER** 4 Ω (FRONT)	230 W/Ch	220 W/Ch	210 W/Ch	170 W/Ch	160 W/Ch	125 W/Ch
8 Ω (FRONT)	150 W/Ch	140 W/Ch	130 W/Ch	115 W/Ch	95 W/Ch	85 W/Ch
AMPLIFIER DESIGN						
IDENTICAL FULL-BANDWIDTH CHANNELS	7	7	7	6	6	5
REDUCED NFB (NEGATIVE FEEDBACK) DESIGN	✓	✓	✓	✓	✓	✓
WRAT (WIDE RANGE AMPLIFIER TECHNOLOGY)	✓	✓	✓	✓	✓	✓
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)		✓	✓			
NON-SCALING CONFIGURATION	✓		✓	✓	✓	✓
DAC	192 kHz/24-Bit x 8	192 kHz/24-Bit x 6 96 kHz/24-Bit x 2	192 kHz/24-Bit x 6 96 kHz/24-Bit x 2	192 kHz/24-Bit x 2 96 kHz/24-Bit x 5	192 kHz/24-Bit x 2 96 kHz/24-Bit x 5	96 kHz/24-Bit x 6
HIGH CURRENT LOW IMPEDANCE DRIVE	✓	✓	✓	✓	✓	✓
ALL DISCRETE OUTPUT STAGE AMPLIFIERS	✓			✓	✓	✓
OPTIMUM GAIN VOLUME CIRCUITRY	✓ (Linear)	✓ (Linear)	✓ (Linear)	✓	✓	✓
DIGITAL UPSAMPLING	✓	✓				
HOME THEATER FEATURES						
THX® SURROUND EX™ AND THX® CERTIFIED	✓ (Ultra2)	✓ (Select)	✓ (Select)			
EXTENDED FREQUENCY RESPONSE (+ 1 dB, - 3 dB)	5 Hz-100 kHz	10 Hz-100 kHz	10 Hz-100 kHz	10 Hz-100 kHz	10 Hz-100 kHz	10 Hz-100 kHz
DTS®, DTS®-ES™ DISCRETE/MATRIX 6.1 AND NEO:6	✓	✓	✓	✓	✓	DTS® Only
DOLBY® DIGITAL, DOLBY® PRO LOGIC™ II	✓	✓	✓	✓	✓	✓
DOLBY® DIGITAL EX™	✓	✓	✓	✓	✓	
A-FORM LISTENING MODE MEMORY	✓	✓	✓	✓	✓	
COMPOSITE TO S-VIDEO CONVERSION		✓	✓	✓		
MULTICHANNEL INPUT	7.1	7.1	7.1	5.1	5.1	5.1
CINEMA FILTER™				✓	✓	✓
DIGITAL SOUNDFIELD PROCESSING MODES	50	39	39	13	13	9
LATE NIGHT MODE	✓	✓	✓	✓	✓	✓
COLOR-CODED SPEAKER TERMINALS		✓	✓	✓	✓	✓
ON-SCREEN DISPLAY	✓	✓	✓	✓	✓	
ADJUSTABLE DIGITAL DELAY	✓	✓	✓			
CROSSOVER ADJUSTMENT		✓	✓	✓	✓	✓
INTERNET FEATURES						
NET-TUNE™		✓				
ETHERNET		✓				
NUMBER OF PRESETS (INTERNET RADIO)		30				
INPUTS/OUTPUTS						
AUDIO AND AV INPUTS	4/6	3/6	3/6	3/5	2/5	2/4
HDTV-READY COMPONENT VIDEO INPUT/OUTPUT	3/1	2/1	2/1	2/1	2/1	
FRONT-PANEL VIDEO INPUT (WITH S-VIDEO)		✓	✓	✓	✓	✓
S-VIDEO COMPATIBLE JACKS INPUT/OUTPUT	6/5	6/3	6/3	5/3	5/2	4/2
DIGITAL INPUTS	3 Optical 5 Coaxial 1 AC-3 RF	5 Optical (1 Front Panel) 3 Coaxial	4 Optical (1 Front Panel) 3 Coaxial	3 Optical (1 Front Panel) 1 Coaxial	3 Optical (1 Front Panel) 1 Coaxial	2 Optical 1 Coaxial
DIGITAL OUTPUT	1 Optical/1 Coaxial	2 Optical	1 Optical	1 Optical/1 Coaxial	1 Optical	
AMP IN	✓ (3)					
RS-232 CONTROL PORT	✓	✓				
IR IN/OUT	2 (Main/Zone 2)/0	1/1	1/1	1/0		
PRE OUTS						
FRONT L/R, CENTER	✓	✓	✓	✓		
SURROUND L/R	✓	✓	✓	✓		
SURROUND BACK	✓ (L/R)	✓ (L/R)	✓ (L/R)	✓		
SUBWOOFER	✓ (2)	✓	✓	✓	✓	✓
OTHER FEATURES						
DOT-MATRIX DISPLAY	✓	✓	✓	✓	✓	✓
DISPLAY DIMMER	3 Levels + Off	3 Levels	3 Levels	3 Levels	3 Levels	3 Levels
PURE AUDIO MODE		✓	✓	✓		
DUAL BANANA PLUG COMPATIBLE SPEAKER TERMINALS	All Terminals	All Terminals	All Terminals	All Terminals	Except Speaker B	Except Speaker B
SLEEP TIMER (90 MINUTES; 10-MIN STEPS)	✓	✓	✓	✓	✓	✓
PHONO INPUT	✓	✓	✓	✓		
HEADPHONE JACK	✓	✓	✓	✓	✓	✓
ZONE 2 (MULTISOURCE) LINE OUTPUT	✓ (Audio/Video)	✓ (Audio/Video)	✓ (Audio/Video)	Pre Out		
POWERED ZONE 2		✓	✓	✓		
12 VOLT TRIGGER		1 (Zone 2)		1 (Zone 2)		
A/B SPEAKER DRIVE					A and B	A and B
TUNER FEATURES						
NUMBER OF PRESETS (FM/AM)	40	40	40	40	40	30
CONTROL						
RI-COMPATIBLE REMOTE CONTROL	Learning/Backlit/LCD	Prepro/Learning/Backlit	Prepro/Learning/Backlit	Prepro/Learning/Backlit	Prepro/Learning	✓
MACRO FUNCTION	✓	✓	✓	✓	✓	
ABSOLUTE/RELATIVE VOLUME DISPLAY	✓	✓	✓	Absolute	Absolute	Absolute
INTELLI VOLUME	✓	✓	✓	✓	✓	
COLOR	Gold or Black	Gold or Black	Gold or Black	Gold or Black	Gold or Black	Gold or Black

* Channels are measured separately ** Calculated on basis of IHF Dynamic headroom

FEATURES

DVD/CD PLAYERS	DV-S939	DV-SP800	DV-SP500	DV-SP300	DV-S757
THX® CERTIFIED	✓ (Ultra)	✓ (Ultra)			✓ (Ultra)
DVD AUDIO DECODING	✓	✓			✓
SACD DECODING		✓			
DTS®/DOLBY® DIGITAL/MPEG/DIGITAL AUDIO OUTPUT	✓	✓	✓	✓	✓
DIRECT DIGITAL PATH	✓	✓	✓	✓	✓
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)		✓	✓		
96 kHz-48 kHz SELECTABLE DIGITAL OUTPUT		✓	✓	✓	✓
MPEG PLAYBACK	✓	✓	✓	✓	✓
MP3 PLAYBACK		✓	✓	✓	✓
PLAYBACK DAC	192 kHz/24-Bit	192 kHz/24-Bit	192 kHz/24-Bit	192 kHz/24-Bit	192 kHz/24-Bit
VIDEO DAC	54 MHz/10-Bit	108 MHz/12-Bit	27 MHz/10-Bit	27 MHz/10-Bit	54 MHz/10-Bit
VIDEO CIRCUIT ON/OFF CONTROL	✓	✓			✓
DYNAMIC RANGE CONTROL	✓	✓	✓	✓	✓
VIDEO BLACK LEVEL CONTROL	✓	✓			
DIGITAL OUTPUTS	2 Optical/2 Coaxial	2 Optical/1 Coaxial	1 Optical/1 Coaxial	1 Optical/1 Coaxial	2 Optical/1 Coaxial
ANALOG AUDIO OUTPUT	✓	✓	✓	✓	✓
CD-R/RW PLAYBACK CAPABILITY	✓	✓	✓	✓	✓
DVD-R/RW PLAYBACK CAPABILITY*		✓			
S-VIDEO OUTPUT	✓	✓	✓	✓	✓
PASSES PLUGE SIGNALS	✓	✓	✓	✓	✓
PICTURE MAGNIFICATION	✓ (6 Steps)				
PROGRAMMED MEMORY PLAYBACK	✓	✓	✓	✓	✓
8-LANGUAGE SOUNDTRACK CAPABILITY	✓	✓	✓	✓	✓
DIMMABLE DISPLAY	4-Mode	4-Mode	3-Mode	3-Mode	3-Mode
COLOR	Gold or Black	Gold or Black	Gold or Black	Black	Gold or Black
HOME STYLE COMPONENTS					
RECEIVER SECTION					
POWER OUTPUT STEREO (6 Ω, 1 kHz, JEITA)	26 W/Ch	45 W/Ch	28 W/Ch		33 W/Ch
WRAT (WIDE RANGE AMPLIFIER TECHNOLOGY)			✓		
VLSC (VECTOR LINEAR SHAPING CIRCUITRY)	✓				
DISCRETE OUTPUT STAGE		✓			
LOW IMPEDANCE DRIVE	✓		✓		✓
AUDIO INPUT/OUTPUT TERMINALS	2/1	4/2	5/3		2/1
SUBWOOFER PRE OUT	✓	✓	✓		✓
SURROUND MODES	12	12	7		12
NUMBER OF PRESETS	30	30	30		30
PRESET STATION NAMING	✓		✓		✓
DIRECT ACCESS TUNING			✓		
ACOUSTIC CONTROL	2 Step	2 Step	2 Step		2 Step
AUTOMATIC/MANUAL TUNING	✓	✓	✓		✓
SLEEP TIMER	✓	✓	✓		✓
HEADPHONE JACK	✓	✓	✓		✓
COLOR-CODED SPEAKER TERMINALS	✓	✓			✓
RI REMOTE CONTROL	✓	✓	✓		✓
COLOR	Titanium	Titanium	Silver		Silver
DVD PLAYER SECTION			DV-L5X		
DTS®/DOLBY® DIGITAL/DIGITAL AUDIO OUTPUT	✓	✓	✓		✓
PROGRESSIVE SCAN	✓	✓	✓		✓
MPEG PLAYBACK			✓		
PLAYBACK DAC	96 kHz/24-Bit	96 kHz/24-Bit	192 kHz/24-Bit		96 kHz/24-Bit
VIDEO DAC	27 MHz/10-Bit	27 MHz/10-Bit	27 MHz/10-Bit		27 MHz/10-Bit
DYNAMIC RANGE CONTROL	✓	✓	✓		✓
DIGITAL OUTPUTS	1 Optical	1 Optical	1 Optical/1 Coaxial		2 Optical
ANALOG AUDIO OUTPUT	✓	✓	✓		✓
CD-R/RW PLAYBACK CAPABILITY	✓	✓	✓		✓
MP3 PLAYBACK	✓	✓	✓		✓
S-VIDEO OUTPUT	✓	✓	✓		✓
PROGRAMMED MEMORY PLAYBACK	✓	✓	✓		✓
8-LANGUAGE SOUNDTRACK CAPABILITY	✓	✓	✓		✓
DIMMABLE DISPLAY	3-Mode	3-Mode	4-Mode		3-Mode
COLOR			Silver		
CD PLAYBACK					
NUMBER OF REPEAT MODES	4 (Title/Chapter/Track/A-B)	4 (Title/Chapter/Track/A-B)	3 (Title/Chapter/Track)		4 (Title/Chapter/Track/A-B)
SHUFFLE/RANDOM PLAY	✓	✓	✓		✓
DIRECT TRACK ACCESS	✓	✓	✓		✓
DIGITAL OUTPUT	1 Optical	1 Optical	1 Optical/1 Coaxial		2 Optical
ANALOG OUTPUT (VARIABLE/FIXED)	✓ (Fixed Only)	✓	✓		✓

* Discs that have not been properly finalized may only be partially playable or not playable at all.

SPECIFICATIONS

A/V RECEIVERS	TX-DS989	TX-NR900	TX-SR800	TX-SR700	TX-SR600	TX-SR500
AMPLIFIER SECTION						
Power Output* (6 Ω, 1 kHz, JEITA)						
Front L/R	200 W/Ch	180 W/Ch	160 W/Ch	160 W/Ch	145 W/Ch	115 W/Ch
Center	180 W	180 W	160 W	145 W	115 W	115 W
Surround L/R	200 W/Ch	180 W/Ch	160 W/Ch	160 W/Ch	145 W/Ch	115 W/Ch
Surround Back	200 W/Ch (L/R)	180 W/Ch (L/R)	160 W/Ch (L/R)	160 W	145 W	—
Dynamic Power**						
4 Ω/8 Ω (front)	230 W/Ch/150 W/Ch	220 W/Ch/140 W/Ch	210 W/Ch/130 W/Ch	170 W/Ch/115 W/Ch	160 W/Ch/95 W/Ch	125 W/Ch/85 W/Ch
THD (Rated Power)	0.08 % (all channels)	0.08 % (all channels)	0.08 % (all channels)	0.08 % (all channels)	0.08 % (all channels)	0.08 % (all channels)
Damping Factor (1 kHz, 8 Ω)	60	60	60	60	60	60
Input Sensitivity and Impedance						
PHONO (MM)	2.5 mV, 50 kΩ	2.5 mV, 50 kΩ	2.5 mV, 50 kΩ	2.5 mV, 47 kΩ	—	—
CD and TAPE Play	200 mV, 50 kΩ	200 mV, 50 kΩ	200 mV, 50 kΩ	200 mV, 47 kΩ	200 mV, 47 kΩ	200 mV, 50 kΩ
Output Level and Impedance						
TAPE REC	200 mV, 2.2 kΩ	200 mV, 470 Ω	200 mV, 470 Ω	200 mV, 470 Ω	200 mV, 470 Ω	200 mV, 470 Ω
PRE OUT	1.0 V, 470 Ω	1.0 V, 470 Ω	1.0 V, 470 Ω	1.0 V, 470 Ω	1.0 V, 470 Ω	1.0 V, 470 Ω
Frequency Response	20 Hz-30 kHz: ±1 dB 5 Hz-100 kHz: +1 dB, -3 dB	10 Hz-100 kHz: +1 dB, -3 dB	10 Hz-100 kHz: +1 dB, -3 dB	10 Hz-100 kHz: +1 dB, -3 dB	10 Hz-100 kHz: +1 dB, -3 dB	10 Hz-100 kHz: +1 dB, -3 dB
S/N Ratio						
PHONO (MM)	80 dB (IHF-A, 5 mV input)	80 dB (IHF-A, 5 mV input)	80 dB (IHF-A, 5 mV input)	80 dB (IHF-A, 5 mV input)	—	—
CD/TAPE	110 dB (IHF-A, 0.5 V input)	110 dB (IHF-A, 0.5 V input)	110 dB (IHF-A, 0.5 V input)	100 dB (IHF-A, 0.5 V input)	100 dB (IHF-A)	100 dB (IHF-A)
Phono Overload (1 kHz)	110 mV RMS, 0.5 % THD	120 mV RMS, 0.5 % THD	120 mV RMS, 0.5 % THD	70 mV RMS, 0.5 % THD	—	—
Tone Controls						
BASS	±10 dB at 100 Hz	±10 dB at 50 Hz	±10 dB at 50 Hz	±12 dB at 50 Hz	±12 dB at 50 Hz	±12 dB at 50 Hz
TREBLE	±10 dB at 10 kHz	±10 dB at 20 kHz	±10 dB at 20 kHz	±12 dB at 20 kHz	±12 dB at 20 kHz	±12 dB at 20 kHz
TUNER SECTION						
Usable Sensitivity						
FM Mono	11.2 dBf, 1.0 μV (75 Ω IHF)	11.2 dBf, 1.0 μV (75 Ω IHF)	11.2 dBf, 1.0 μV (75 Ω IHF)	11.2 dBf, 1.0 μV (75 Ω IHF)	11.2 dBf, 1.0 μV (75 Ω IHF)	11.2 dBf, 1.0 μV (75 Ω IHF)
FM Stereo	17.2 dBf, 2.0 μV (75 Ω IHF)	17.2 dBf, 2.0 μV (75 Ω IHF)	17.2 dBf, 2.0 μV (75 Ω IHF)	17.2 dBf, 2.0 μV (75 Ω IHF)	17.2 dBf, 2.0 μV (75 Ω IHF)	17.2 dBf, 2.0 μV (75 Ω IHF)
AM	30 μV	30 μV	30 μV	30 μV	30 μV	30 μV
S/N Ratio						
FM Mono	76 dB (IHF-A)	76 dB (IHF-A)	76 dB (IHF-A)	76 dB (IHF-A)	76 dB (IHF-A)	76 dB (IHF-A)
FM Stereo	70 dB (IHF-A)	70 dB (IHF-A)	70 dB (IHF-A)	70 dB (IHF-A)	70 dB (IHF-A)	70 dB (IHF-A)
AM	40 dB	40 dB	40 dB	40 dB	40 dB	40 dB
THD						
FM Mono	0.2 %	0.2 %	0.2 %	0.2 %	0.2 %	0.2 %
FM Stereo	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %	0.3 %
AM	0.7 %	0.7 %	0.7 %	0.7 %	0.7 %	0.7 %
FM Stereo Separation	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz
GENERAL						
Dimensions (W x H x D)	435 x 196 x 451 mm	435 x 175 x 459 mm	435 x 175 x 459 mm	431.5 x 175 x 431 mm	435 x 175 x 431.5 mm	435 x 150 x 376 mm
Weight	22.0 kg	18.2 kg	17.3 kg	13.1 kg	12.1 kg	8.8 kg

DVD/CD PLAYERS	DV-S939	DV-SP800	DV-SP500	DV-SP300	DV-S757
Power Consumption	40 W	36 W	15 W	16 W	16 W
Linear Velocity					
Single layer	3.49 m/s	3.49 m/s	3.49 m/s	3.49 m/s	3.49 m/s
Dual layer	3.84 m/s	3.84 m/s	3.84 m/s	3.84 m/s	3.84 m/s
Frequency Response (Digital Audio)					
DVD Linear Sound	48 kHz sampling 4 Hz to 22 kHz 192 kHz sampling 4 Hz to 96 kHz (DVD Audio)	48 kHz sampling 4 Hz to 44 kHz 192 kHz sampling 4 Hz to 96 kHz (DVD Audio)	48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz (DVD Audio)	48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz (DVD Audio)	48 kHz sampling 4 Hz to 44 kHz 96 kHz sampling 4 Hz to 96 kHz (DVD Audio)
Audio CD	44.1 kHz sampling 4 Hz to 20 kHz	44.1 kHz sampling 4 Hz to 20 kHz	44.1 kHz sampling 4 Hz to 20 kHz	44.1 kHz sampling 4 Hz to 20 kHz	44.1 kHz sampling 4 Hz to 20 kHz
S/N Ratio (Digital Audio)	106 dB	118 dB	90 dB	90 dB	106 dB
Audio Dynamic Range (Digital Audio)	112 dB	100 dB	95 dB	95 dB	100 dB
Harmonic Distortion (1 kHz)	0.002 %	0.001 %	0.008 %	0.008 %	0.005 %
Wow and Flutter	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability
Video Output	1.0 V p-p, 75 Ω, negative sync., pin jack x 2 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 2 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	1.0 V p-p, 75 Ω, negative sync., pin jack x 2 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 2 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	1.0 V p-p, 75 Ω, negative sync., pin jack x 1 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	1.0 V p-p, 75 Ω, negative sync., pin jack x 1 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	1.0 V p-p, 75 Ω, negative sync., pin jack x 2 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 2 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
S-Video Output	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
Component Signal Output	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
Audio Output					
Optical Audio	-22.5 dBm x 2	-22.5 dBm x 2	-22.5 dBm x 1	-22.5 dBm x 1	-22.5 dBm x 2
Digital Audio	0.5 V p-p, 75 Ω, pin jack x 2	0.5 V p-p, 75 Ω, pin jack x 1	0.5 V p-p, 75 Ω, pin jack x 1	0.5 V p-p, 75 Ω, pin jack x 1	0.5 V p-p, 75 Ω, pin jack x 1
Analog Audio	2.0 V RMS, 320 Ω, pin jack (5.1 ch) x 1, pin jack (L/R) x 2	2.0 V RMS, 420 Ω, pin jack (5.1 ch) x 1, pin jack (L/R) x 2	2.0 V RMS, 420 Ω, pin jack (L/R) x 1	2.0 V RMS, 470 Ω, pin jack (L/R) x 1	2.0 V RMS, 440 Ω, pin jack (5.1 ch) x 1, pin jack (L/R) x 2
Headphone Terminal	—	—	—	—	32 Ω (30 mW)
Dimensions (W x H x D)	450 x 120 x 378 mm	435 x 91 x 314 mm	435 x 91 x 312 mm	435 x 99 x 322 mm	435 x 91 x 313 mm
Weight	10 kg	3.6 kg	3.4 kg	3.7 kg	3.6 kg
Supplied Accessories	Audio/Video cable x 1, S-Video cable x 1, DB-25 cable x 1, Remote control (RC-438DV) x 1	Audio/Video cable x 1, S-Video cable x 1, Remote control (RC-498DV) x 1	Audio/Video cable x 1, S-Video cable x 1, Remote control (RC-450DV) x 1	Audio/Video cable x 1, Coaxial cable x 1, Remote control (RC-501DV) x 1	Audio/Video cable x 1, S-Video cable x 1, Remote control (RC-450DV) x 1

* Channels are measured separately ** Calculated on basis of IHF Dynamic headroom

SPECIFICATIONS

HOME STYLE COMPONENTS	DR-L50	DR-S2.2	TX-L5
RECEIVER SECTION			
AMPLIFIER SECTION			
Power Output (6 Ω, 1 kHz, JEITA)	26 W/Ch	45 W/Ch	28 W/Ch
THD (Rated Power/1 W Output)	10 %/0.2 %	5 %/0.2 %	0.6 %
Frequency Response	20 Hz-30 kHz (±0.8 dB)	20 Hz-30 kHz (±0.8 dB)	10 Hz-70 kHz (±1.5 dB)
S/N Ratio	100 dB (IHF-A)	100 dB (IHF-A)	100 dB (IHF-A)
TUNER SECTION			
Usable Sensitivity			
FM Mono	11.2 dBf, 1.0 μV (75 Ω IHF)	11.2 dBf, 1.0 μV (75 Ω IHF)	11.2 dBf, 1.0 μV (75 Ω IHF)
FM Stereo	17.2 dBf, 2.0 μV (75 Ω IHF)	17.2 dBf, 2.0 μV (75 Ω IHF)	17.2 dBf, 2.0 μV (75 Ω IHF)
AM	30 μV	30 μV	30 μV
S/N Ratio			
FM Mono	73 dB	73 dB	76 dB
FM Stereo	IHF-A/67 dB	IHF-A/67 dB	IHF-A/70 dB
AM	IHF-A/40 dB	IHF-A/40 dB	IHF-A/40 dB
THD	0.2 %/0.3 %/0.7 %	0.2 %/0.3 %/0.7 %	0.2 %/0.3 %/0.7 %
FM Stereo Separation	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz	45 dB at 1 kHz
GENERAL			
Dimensions (W x H x D)	435 x 81 x 366 mm	435 x 101 x 428 mm	435 x 81 x 377 mm
Weight	7.0 kg	8.8 kg	6.1 kg

DVD SECTION			DV-L5X
Power Consumption	120 W	170 W	12 W
Signal Readout System	Optical non-contact	Optical non-contact	Optical non-contact
Linear Velocity			
Single Layer/Dual Layer	3.49 m/s/3.84 m/s	3.49 m/s/3.84 m/s	3.49 m/s/3.84 m/s
Frequency Range (Digital Audio)			
DVD Linear Sound	0 Hz-44 kHz (96 kHz)	4 Hz-22 kHz (48 kHz), 4 Hz-44 kHz (96 kHz)	4 kHz - 44 kHz (48 kHz)
Audio CD	4 Hz-20 kHz (44.1 kHz)	4 Hz-20 kHz (44.1 kHz)	—
Harmonic Distortion (1 kHz)	0.025 %	0.025 %	0.015 %
Audio Dynamic Range	93 dB	93 dB	96 dB
S/N Ratio	100 dB	100 dB	100 dB
Wow and Flutter	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability
Video Output	1.0 V p-p, 75 Ω, negative sync., pin jack x 1 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	1.0 V p-p, 75 Ω, negative sync., pin jack x 1 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	1.0 V p-p, 75 Ω, negative sync., pin jack x 1 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
S-Video Output	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
Component Signal Output	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
Audio Output			
Optical Audio	-22.5 dBm x 1	-22.5 dBm x 1	-22.5 dBm x 1
Digital Audio	0.5 V p-p, 75 Ω	0.5 V p-p, 75 Ω	0.5 V p-p, 75 Ω, pin jack x 1
Analog Audio	2.0 V RMS, 470 Ω, pin jack (L/R) x 1	2.0 V RMS, 470 Ω, pin jack (L/R) x 2	2.0 V RMS, 470 Ω, pin jack (L/R) x 1
Supplied Accessories	Remote control (RC-S05M) x 1	Remote control (RC-484M) x 1	Audio/Video cable x 1, S-Video cable x 1, Remote control (RC-450DV) x 1

CD SECTION			
Signal Readout System	Optical non-contact	Optical non-contact	Optical non-contact
Reading Rotation	About 500-200 r.p.m. (Constant linear velocity)	About 500-200 r.p.m. (Constant linear velocity)	About 500-200 r.p.m. (Constant linear velocity)
Linear Velocity	3.49 m/s (Single Layer), 3.84 m/s (Dual Layer)	3.49 m/s (Single Layer), 3.84 m/s (Dual Layer)	3.49 m/s (Single Layer), 3.84 m/s (Dual Layer)
Error Correction System	Reed Solomon Product Code	Reed Solomon Product Code	Reed Solomon Product Code
DAC	192 kHz/24-Bit	192 kHz/24-Bit	192 kHz/24-Bit
Number of Channels	2 (stereo)	2 (stereo)	2 (stereo)
Digital Filter	352.8 kHz	352.8 kHz	352.8 kHz
Frequency Response	8 x oversampling	8 x oversampling	8 x oversampling
Wow and Flutter	4 Hz-44 kHz	4 Hz-44 kHz	4 Hz-44 kHz
Below threshold of measurability	Below threshold of measurability	Below threshold of measurability	Below threshold of measurability
GENERAL			
Dimensions (W x H x D)	—	—	435 x 81 x 359 mm
Weight	—	—	3.7 kg

MINI COMPONENT	PDR-155
RECEIVER SECTION	
AMPLIFIER SECTION	
Power Output (6 Ω, 1 kHz, JEITA)	33 W/Ch
THD (Rated Power/1 W Output)	10 %/0.2 %
Frequency Response	220 Hz-30 kHz (±0.8 dB)
S/N Ratio	100 dB (IHF-A)
TUNER SECTION	
Usable Sensitivity	
FM Mono	11.2 dBf, 1.0 μV (75 Ω IHF)
FM Stereo	17.2 dBf, 2.0 μV (75 Ω IHF)
AM	30 μV
S/N Ratio	
FM Mono	73 dB
FM Stereo	IHF-A/67 dB
AM	IHF-A/40 dB
THD	0.2 %/0.3 %/0.7 %
FM Stereo Separation	45 dB at 1 kHz 30 dB at 100 Hz-10 kHz
GENERAL	
Dimensions (W x H x D)	155 x 172.5 x 289.5 mm
Weight	3.5 kg

DVD SECTION	
Power Consumption	33 W
Signal Readout System	Optical non-contact
Linear Velocity	
Single Layer/Dual Layer	3.49 m/s/3.84 m/s
Frequency Range (Digital Audio)	
DVD Linear Sound	10 Hz-44 kHz (96 kHz)
Audio CD	—
Harmonic Distortion (1 kHz)	0.025 %
Audio Dynamic Range	93 dB
S/N Ratio	100 dB
Wow and Flutter	Below threshold of measurability
Video Output	1.0 V p-p, 75 Ω, negative sync., pin jack x 1 (Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
S-Video Output	(Y) 1.0 V p-p, 75 Ω, (C) 0.286 V p-p, 75 Ω, negative sync., Mini DIN 4-pin x 1 (Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
Component Signal Output	(Y) 1.0 V p-p, 75 Ω, negative sync., pin jack x 1, (Pa)/ (Pb) 0.7 V p-p, 75 Ω
Audio Output	
Optical Audio	-22.5 dBm x 1
Digital Audio	0.5 V p-p, 75 Ω
Analog Audio	2.0 V RMS, 470 Ω, pin jack (L/R) x 1
Supplied Accessories	Remote control (RC-S06M) x 1

CD SECTION	
Signal Readout System	Optical non-contact
Reading Rotation	About 500-200 r.p.m. (Constant linear velocity)
Linear Velocity	3.49 m/s (Single Layer), 3.84 m/s (Dual Layer)
Error Correction System	Reed Solomon Product Code
DAC	192 kHz/24-Bit
Number of Channels	2 (stereo)
Digital Filter	352.8 kHz
Frequency Response	8 x oversampling
Wow and Flutter	4 Hz-44 kHz
Below threshold of measurability	Below threshold of measurability